

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33	bouyancy adj tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/05 19:15
L2	1352	buoyancy adj tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/05 19:15
L3	1366	(1 2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/05 19:16
L4	174	3 and subsea	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/05 19:54
L5	1	(acoustic near5 wireless) same ROV	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/05 19:55
L6	20	wireless same ROV	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/05 19:57
L7	9	(acoustic with wireless) and (control same ROV)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/05 19:59
L8	53	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and (@pd>"20060430")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 20:19

## EAST Search History

S1	124	(166/338).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/30 00:44
S2	104	(166/339).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/14 16:56
S3	128	(166/340).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/14 16:56
S4	221	(166/341).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/14 16:56
S5	83	(166/343).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/14 16:56
S6	110	(166/345).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/14 16:56
S7	108	(166/351).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/14 16:56
S8	81	(166/360).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/14 16:56
S9	152	(166/366).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/14 16:56
S10	92	(166/378).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/14 16:56

## EAST Search History

S11	969	((166/338).CCLS.) ((166/339).CCLS.) ((166/340).CCLS.) ((166/341).CCLS.) ((166/343).CCLS.) ((166/345).CCLS.) ((166/351).CCLS.) ((166/360).CCLS.) ((166/366).CCLS.) ((166/378).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/11/14 16:58
S12	105	(((166/338).CCLS.) ((166/339).CCLS.) ((166/340).CCLS.) ((166/341).CCLS.) ((166/343).CCLS.) ((166/345).CCLS.) ((166/351).CCLS.) ((166/360).CCLS.) ((166/366).CCLS.) ((166/378).CCLS.)) and spool	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/11/14 17:47
S13	201	166/338,339,340,341,343,345,349,351,360,366,378.ccls.	USOCR	OR	ON	2002/11/14 17:41
S14	20	166/338,339,340,341,343,345,349,351,360,366,378.ccls. and spool	USOCR	OR	ON	2002/11/14 17:44
S15	66	(((166/338).CCLS.) ((166/339).CCLS.) ((166/340).CCLS.) ((166/341).CCLS.) ((166/343).CCLS.) ((166/345).CCLS.) ((166/351).CCLS.) ((166/360).CCLS.) ((166/366).CCLS.) ((166/378).CCLS.)) and reel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/11/14 17:47
S16	41	(((166/338).CCLS.) ((166/339).CCLS.) ((166/340).CCLS.) ((166/341).CCLS.) ((166/343).CCLS.) ((166/345).CCLS.) ((166/351).CCLS.) ((166/360).CCLS.) ((166/366).CCLS.) ((166/378).CCLS.)) and reel) not spool	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/11/14 17:53
S17	0	"20020134552".URPN.	USPAT	OR	ON	2002/11/14 17:52
S18	0	("6488093").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/11/15 13:42
S19	70	"166"/\$.ccls. and (buoyancy adj tank)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/29 12:06
S20	69	"166"/\$.ccls. and ((subsea sub-sea) same (coiled adj tubing))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 17:53
S21	51	"405"/\$.ccls. and singh and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/29 12:11

## EAST Search History

S22	13	("3593728"   "3641777"   "4203687"   "4411459"   "4485668"   "4649948"   "5109562"   "5437517"   "5593249"   "5674323"   "5795402"   "5814162"   "5988188").PN.	USPAT	OR	ON	2003/05/29 12:13
S23	33	(("3670830") or ("6026911") or ("5735355") or ("6276454") or ("6003598") or ("3353364") or ("6394192") or ("3602301") or ("3635183") or ("5802126") or ("3812922") or ("6178670") or ("3891037") or ("3442339")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/29 23:38
S24	2	("6209634").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/30 00:46
S25	36	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and (@pd>"20021115")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 19:10
S26	3910	coiled adj tubing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 17:53
S27	7	underwater adj (coiled adj tubing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 17:57
S28	9	underwater near3 (coiled adj tubing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 17:58
S29	2	underwater adj spool	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 17:58
S30	22	underwater near3 spool	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 18:06
S31	0	(beneath near3 water) near2 (coiled adj tubing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 18:04
S32	0	(beneath near3 water) near4 (coiled adj tubing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 18:01

## EAST Search History

S33	8892	(beneath near3 water)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 18:01
S34	199	((beneath near3 water) ) and spool	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 18:01
S35	18	subsea near2 (coiled adj tubing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:00
S36	61	subsea near3 spool	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/24 18:11
S37	1	2002-408212.NRAN.	DERWENT	OR	OFF	2003/11/24 18:10
S38	4	("5778981") or ("3795114").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/24 18:14
S39	35	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and (@pd>"20030529")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/14 11:13
S49	1	("6763889").PN.	USPAT	OR	OFF	2005/01/07 12:30
S50	16	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and ((marine underwater) adj (vehicle craft))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 12:52
S51	16	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and ((marine underwater) adj (vehicle craft))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/07 16:27
S52	152	(underwater subsea) same (coiled adj tubing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:00
S53	21	("3099316"   "3520358"   "3621911"   "3633667"   "3643736"   "3766742"   "3777812"   "4194857"   "4618285"   "4674915"   "4848474"   "5046895"   "5273376"   "6167831"   "6223675"   "6260504"   "6422315"   "RE27745").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/07 13:26

## EAST Search History

S54	44	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and (emergency adj disconnect)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/07 16:28
S55	86	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and (@pd>"20031124")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 16:45
S56	12	((coil coiled) adj tubing) near3 underwater	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 14:51
S57	37	((coil coiled) adj tubing) near3 subsea	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 14:42
S58	11	US-6808021-\$ DID. OR US-6763889-\$ DID. OR US-6698520-\$ DID. OR US-6659180-\$ DID. OR US-6460621-\$ DID. OR US-6386290-\$ DID. OR US-6276454-\$ DID. OR US-6182765-\$ DID. OR US-6053252-\$ DID. OR US-4943187-\$ DID. OR US-3182877-\$ DID.	US-PGPUB; USPAT	OR	ON	2005/06/26 14:42
S59	6	(("20040094305") or ("20030155127") or ("20030000740")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/26 14:42
S60	14	S58 S59	US-PGPUB; USPAT	OR	ON	2005/06/26 14:45
S61	4	US-4054104-\$ DID. OR US-4899823-\$ DID. OR US-5002130-\$ DID. OR US-6488092-\$ DID.	US-PGPUB; USPAT	OR	ON	2005/06/26 14:46
S62	2	((coil coiled) adj tubing) and (spool near3 (underwater waterproof))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 15:10

## EAST Search History

S64	3	rov near3 wireless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 15:12
S65	3	rov near5 wireless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 15:12
S66	9	rov with wireless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 15:41
S67	49	(spool with stack) and subsea	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 15:50
S68	23	("3529786"   "3785503"   "4298174"   "4537530"   "4641287"   "4721055"   "5284323"   "5442590"   "5655753"   "5722793"   "5971665"   "6024344"   "6070857"   "6113312"   "6223675"   "6257162"   "6260656"   "6276625"   "6350085"   "6371693").PN. OR ("6588980").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/26 15:45
S69	34	(sectional with stack) and subsea	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 15:52
S70	0	(seperate with stack) and subsea	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 15:53
S71	79	(frame same stack) and subsea	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 15:53
S72	17	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and (@pd>"20050107")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/13 20:27

## EAST Search History

S73	38	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and (@pd>"20050107")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/30 21:33
S74	12	("20020134552" "3099316" "363366 7" "4194857" "4673041" "4899823" "5657823" "6182763" "6182765" "6209634" "6276454" "6386290"). PN.	US-PGPUB; USPAT	OR	ON	2005/11/13 20:34
S75	32	166/338,339,340,341,343,345,349, 351,360,366,378.ccls. and (@pd>"20051111")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 20:19